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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 4. Canceled

5. (Previously Presented) The insulated aircraft component of claim 49, wherein each layer has an interior cover surface and an exterior cover surface and each of the plurality of batting blocks are attached to at least one interior cover surface of the module in which said batting block is disposed.

6. (Previously Presented) The insulated aircraft component of claim 49, wherein at least one of the heat-sealed seams is perforated to provide a tear-line.

7. (Previously Presented) The insulated aircraft component of claim 49, wherein at least one of the heat-sealed seams is a foldable seam.

8. (Previously Presented) The insulated aircraft component of claim 49, wherein at least one of the heat-sealed seams is perforated to provide a tear-line and at least one of the heat-sealed seams is a foldable seam.

9. (Currently Amended) The insulated aircraft component of claim 49, wherein the distal cover layer of the plurality of modules is perforated to allow the [[module]] modules to breath.

10. (Previously Presented) The insulated aircraft component of claim 49, wherein the blanket further comprises a breather in the distal cover layer of each of the plurality of modules.

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11. - 12. Canceled

13. (Previously Presented) The insulated aircraft component of claim 49, wherein the cover has at least four sealed perimeter edges, the blanket further comprising an attachment means affixed to at least one of the sealed perimeter edges, said attachment means being selected from a group consisting of a mated mechanical attachment system, a peel-and-stick tape systems, a hook-loop retention system, tape, combined hook and loop and peel and stick tape retention systems, self-adhering retention systems, adhesives, a plurality of mechanical fasteners, and combinations thereof.

14. (Previously Presented) The insulated aircraft component of claim 49, wherein the cover has at least two opposed sealed perimeter edges, the blanket further comprising an attachment means affixed to each of the at least two opposed sealed perimeter edges.

15. (Previously Presented) The insulated aircraft component of claim 49, wherein the cover layers are formed of a thermoplastic film sheets.

16. (Previously Presented) The insulated aircraft component of claim 15, wherein the thermoplastic film sheets are selected from the group consisting of synthetic polymers, copolymers, coextruded polymers, combinations thereof and laminated thereof.

17. Canceled

18. (Previously Presented) The insulated aircraft component of claim 49, wherein the cover layers are formed of a thermoplastic film sheet or film laminate selected from the group consisting of polyvinyl fluoride, polyimide, polyetheride, polyvinyl chloride, polyurethane, polypropylene, polyethylene terephthalate, and combinations thereof.

19. - 20. Canceled

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21. (Previously Presented) The insulated aircraft component of claim 49, wherein the insulating blanket is sized to conform with the dimensions of the at least one surface.

22. Canceled

23. (Previously Presented) The insulated aircraft component of claim 49, further comprising a plurality of noise dampers adhered to the proximal layer.

24. (Previously Presented) The insulated aircraft component of claim 49, further comprising a plurality of noise dampers and a hook and loop retention system both adhered to the proximal layer.

25. - 27. Canceled

28. (Previously Presented) The insulated aircraft component of claim 49, wherein the insulation blanket is affixed in constant, conforming interface with the at least one surface.

29. - 48. Canceled

49. (Previously Presented) An insulated aircraft component, comprising:
at least one surface,
at least one strut partitioning the surface; and
a modular insulation blanket system comprising a modular insulation blanket, the insulation blanket being comprised of a plurality of batting blocks and a cover having sealed perimeter edges, a distal layer and a proximal layer; the layers being mated in sealed relationship along a lattice of longitudinal and latitudinal heat sealed seams, the seams forming a plurality of modules between the layers, the batting blocks being disposed between said layers within the modules which are separated by heat-sealed seams, and the insulation blanket being affixed to

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the surface of the aircraft component such that at least one of the heat-sealed seams spans across the at least one strut and the strut is sandwiched between adjacent modules.

50. (Previously Presented) The insulated aircraft component of claim 49, wherein the insulation blanket is affixed to the surface of the component with a retention system selected from a group consisting of mated mechanical attachment systems, peel-and-stick tape retention systems, hook-and-loop retention systems, tape, combined hook-and-loop and peel-and-stick tape retention systems, self-adhering retention systems, adhesives, a plurality of mechanical fasteners, and combinations thereof.

51. - 54. Canceled

55. (Currently Amended) The insulated aircraft component of claim 49, wherein another of the seams includes an inner crease formed approximately midway between a second pair of adjacent modules, and a pair of creases formed between the second pair of adjacent modules, a first crease of the pair formed on a first side of the inner crease and a second crease of the pair formed on a second side of the inner crease.

56. - 57. Canceled

58. (Previously Presented) The insulated aircraft component of claim 49, wherein at least one of the sealed perimeter edges includes a crease formed along a juncture with an edge of a module adjacent to the perimeter edge.

59. (Previously presented) The insulated aircraft component of claim 58, wherein a height of the at least one sealed perimeter edge when folded along the crease is approximately equal to a height of the module adjacent the perimeter edge.